

CIRCULAR IGNITION COIL ASSEMBLY

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ABSTRACT

An ignition assembly provides a current to a spark plug to combust fuel in a cylinder of an internal combustion engine. The ignition coil assembly includes a primary winding defining a central axis. A secondary winding is wrapped about the primary winding coaxial with the central axis. The ignition coil assembly also includes a central core extending through the primary winding coaxial with the central axis. The central core includes a plurality of core components each having a single exterior surface that is continuous. In addition, each of the single exterior surfaces extends through an arcuate path.